

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/801,648B

Source: 1FW16

Date Processed by STIC: 1/24/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/24/2007

PATENT APPLICATION: US/10/801,648B

TIME: 11:17:00

Input Set : A:\Substitute V9661074.APP

Output Set: N:\CRF4\01242007\J801648B.raw

```

3 <110> APPLICANT: CHEN, YAN
4     KUNG, HSIANG-FU
5     LIN, MARIE C.M.
6     LUK, K.D.K.
8 <120> TITLE OF INVENTION: A COMBINED ADENO-ASSOCIATED VIRUS AND ADENOVIRUS
9     COCKTAIL GENE DELIVERY SYSTEM FOR HIGH EFFICIENCY
10    GENE EXPRESSION WITHOUT ELICITING IMMUNE
11    RESPONSE IN IMMUNO-COMPETENT SUBJECTS
13 <130> FILE REFERENCE: V9661.0074
15 <140> CURRENT APPLICATION NUMBER: 10/801,648B
16 <141> CURRENT FILING DATE: 2004-03-17
18 <150> PRIOR APPLICATION NUMBER: 60/455,188
19 <151> PRIOR FILING DATE: 2003-03-17
21 <160> NUMBER OF SEQ ID NOS: 2
23 <170> SOFTWARE: PatentIn Ver. 3.2
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 1547
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 ggggacttct tgaacttgca gggagaataa cttgcgcacc ccactttgcg ccggtgcctt 60
32 tgccccagcg gagcctgctt cgccatctcc gagccccacc gccctccac tcctcggcct 120
33 tgccccagac tgagacgctg ttcccagcgt gaaaagagag actgcgcggc cggcaccg 180
34 gagaaggagg aggcaaagaa aaggaacgga cattcggtcc ttgcgccagg tcctttgacc 240
35 agagtttttc catgtggacg ctctttcaat ggacgtgtcc ccgcgtgctt cttagacgga 300
36 ctgcggtctc ctaaaggctc accatggtgg ccgggacccg ctgtcttcta gcgttgctgc 360
37 ttccccagggt ctccttgggc ggcgcggctg gcctcgttcc ggagctgggc cgcaggaagt 420
38 tcgcgggcgg gtcgtcgggc cgccccctcat ccagccctc tgacgagggt ctgagcaggt 480
39 tcgagttgcg gctgctcagc atgttcggcc tgaaacagag acccaccctc agcagggacg 540
40 ccgtggtgcc cccctacatg ctagacctgt atcgcaggca ctcagggtcag ccgggctcac 600
41 ccgccccaga ccaccggttg gagagggcag ccagccgagc caaactgtg cgcagcttcc 660
42 accatgaaga atctttggaa gaactaccag aaacgagtgg gaaaacaacc cggagattct 720
43 tctttaattt aagttctatc cccacggagg agtttatcac ctcagcagag cttcaggttt 780
44 tccgagaaca gatgcaagat gctttaggaa acaatagcag tttccatcac cgaattaata 840
45 tttatgaaat cataaaacct gcaacagcca actcgaaatt ccccgtagac agacttttgg 900
46 acaccagggt ggtgaatcag aatgcaagca ggtgggaaag ttttgatgtc acccccgtg 960
47 tgatgcggtg gactgcacag ggacacgcca accatggatt cgtggtggaa gtggccact 1020
48 tggaggagaa acaagggtgt tccaagagac atgttaggat aagcagggtc ttgcaccaag 1080
49 atgaacacag ctggtcacag ataaggccat tgctagtaac ttttggccat gatggaaaag 1140
50 ggcacacctc ccacaaaaga gaaaaacgtc aagccaaaca caaacagcgg aaacgcctta 1200
51 agtccagctg taagagacac cttttgtacg tggacttcag tgacgtgggg tggaatgact 1260
52 ggattgtggc tccccggggg tatcacgcct tttactgcca cggagaatgc ccttttctc 1320
53 tggctgatca tctgaactcc actaatcatg ccattgttca gacgttggtc aactctgtta 1380

```

RAW SEQUENCE LISTING

DATE: 01/24/2007

PATENT APPLICATION: US/10/801,648B

TIME: 11:17:00

Input Set : A:\Substitute V9661074.APP

Output Set: N:\CRF4\01242007\J801648B.raw

```

54 actctaagat tcctaaggca tgctgtgtcc cgacagaact cagtgtctatc tcgatgtctgt 1440
55 accttgacga gaatgaaaag gttgtattaa agaactatca ggacatgggtt gtggagggtt 1500
56 gtgggtgtcg ctagtacagc aaaattaaat acataaatat atatata 1547
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 396
61 <212> TYPE: PRT
62 <213> ORGANISM: Homo sapiens
64 <400> SEQUENCE: 2
65 Met Val Ala Gly Thr Arg Cys Leu Leu Ala Leu Leu Leu Pro Gln Val
66 1 5 10 15
68 Leu Leu Gly Gly Ala Ala Gly Leu Val Pro Glu Leu Gly Arg Arg Lys
69 20 25 30
71 Phe Ala Ala Ala Ser Ser Gly Arg Pro Ser Ser Gln Pro Ser Asp Glu
72 35 40 45
74 Val Leu Ser Glu Phe Glu Leu Arg Leu Leu Ser Met Phe Gly Leu Lys
75 50 55 60
77 Gln Arg Pro Thr Pro Ser Arg Asp Ala Val Val Pro Pro Tyr Met Leu
78 65 70 75 80
80 Asp Leu Tyr Arg Arg His Ser Gly Gln Pro Gly Ser Pro Ala Pro Asp
81 85 90 95
83 His Arg Leu Glu Arg Ala Ala Ser Arg Ala Asn Thr Val Arg Ser Phe
84 100 105 110
86 His His Glu Glu Ser Leu Glu Glu Leu Pro Glu Thr Ser Gly Lys Thr
87 115 120 125
89 Thr Arg Arg Phe Phe Phe Asn Leu Ser Ser Ile Pro Thr Glu Glu Phe
90 130 135 140
92 Ile Thr Ser Ala Glu Leu Gln Val Phe Arg Glu Gln Met Gln Asp Ala
93 145 150 155 160
95 Leu Gly Asn Asn Ser Ser Phe His His Arg Ile Asn Ile Tyr Glu Ile
96 165 170 175
98 Ile Lys Pro Ala Thr Ala Asn Ser Lys Phe Pro Val Thr Arg Leu Leu
99 180 185 190
101 Asp Thr Arg Leu Val Asn Gln Asn Ala Ser Arg Trp Glu Ser Phe Asp
102 195 200 205
104 Val Thr Pro Ala Val Met Arg Trp Thr Ala Gln Gly His Ala Asn His
105 210 215 220
107 Gly Phe Val Val Glu Val Ala His Leu Glu Glu Lys Gln Gly Val Ser
108 225 230 235 240
110 Lys Arg His Val Arg Ile Ser Arg Ser Leu His Gln Asp Glu His Ser
111 245 250 255
113 Trp Ser Gln Ile Arg Pro Leu Leu Val Thr Phe Gly His Asp Gly Lys
114 260 265 270
116 Gly His Pro Leu His Lys Arg Glu Lys Arg Gln Ala Lys His Lys Gln
117 275 280 285
119 Arg Lys Arg Leu Lys Ser Ser Cys Lys Arg His Pro Leu Tyr Val Asp
120 290 295 300
122 Phe Ser Asp Val Gly Trp Asn Asp Trp Ile Val Ala Pro Pro Gly Tyr
123 305 310 315 320
125 His Ala Phe Tyr Cys His Gly Glu Cys Pro Phe Pro Leu Ala Asp His

```

RAW SEQUENCE LISTING

DATE: 01/24/2007

PATENT APPLICATION: US/10/801,648B

TIME: 11:17:00

Input Set : A:\Substitute V9661074.APP

Output Set: N:\CRF4\01242007\J801648B.raw

126				325				330					335			
128	Leu	Asn	Ser	Thr	Asn	His	Ala	Ile	Val	Gln	Thr	Leu	Val	Asn	Ser	Val
129				340					345					350		
131	Asn	Ser	Lys	Ile	Pro	Lys	Ala	Cys	Cys	Val	Pro	Thr	Glu	Leu	Ser	Ala
132				355				360						365		
134	Ile	Ser	Met	Leu	Tyr	Leu	Asp	Glu	Asn	Glu	Lys	Val	Val	Leu	Lys	Asn
135			370				375						380			
137	Tyr	Gln	Asp	Met	Val	Val	Glu	Gly	Cys	Gly	Cys	Arg				
138	385					390					395					

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/24/2007
PATENT APPLICATION: US/10/801,648B TIME: 11:17:01

Input Set : A:\Substitute V9661074.APP
Output Set: N:\CRF4\01242007\J801648B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1

VERIFICATION SUMMARY

DATE: 01/24/2007

PATENT APPLICATION: US/10/801,648B

TIME: 11:17:01

Input Set : A:\Substitute V9661074.APP

Output Set: N:\CRF4\01242007\J801648B.raw